

FIGURE - 1

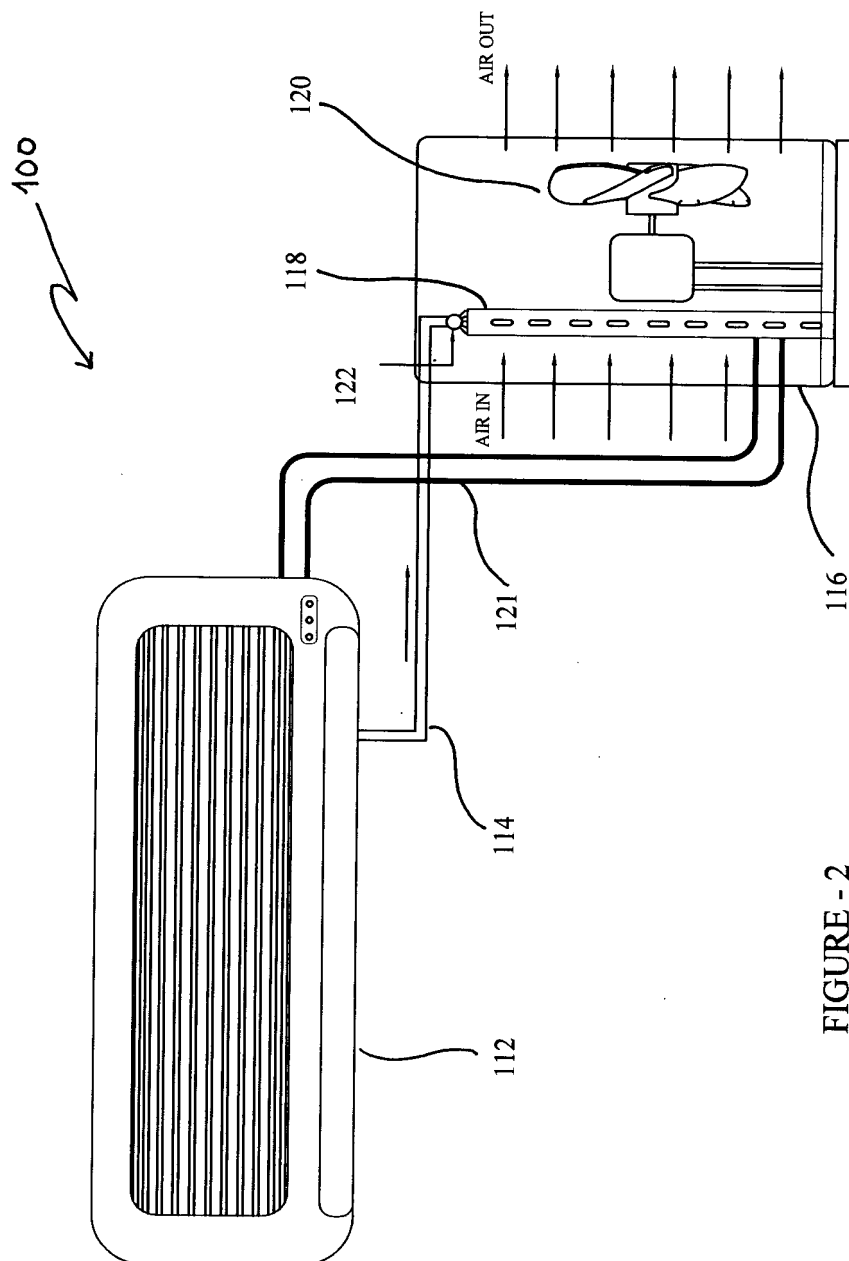


FIGURE - 2

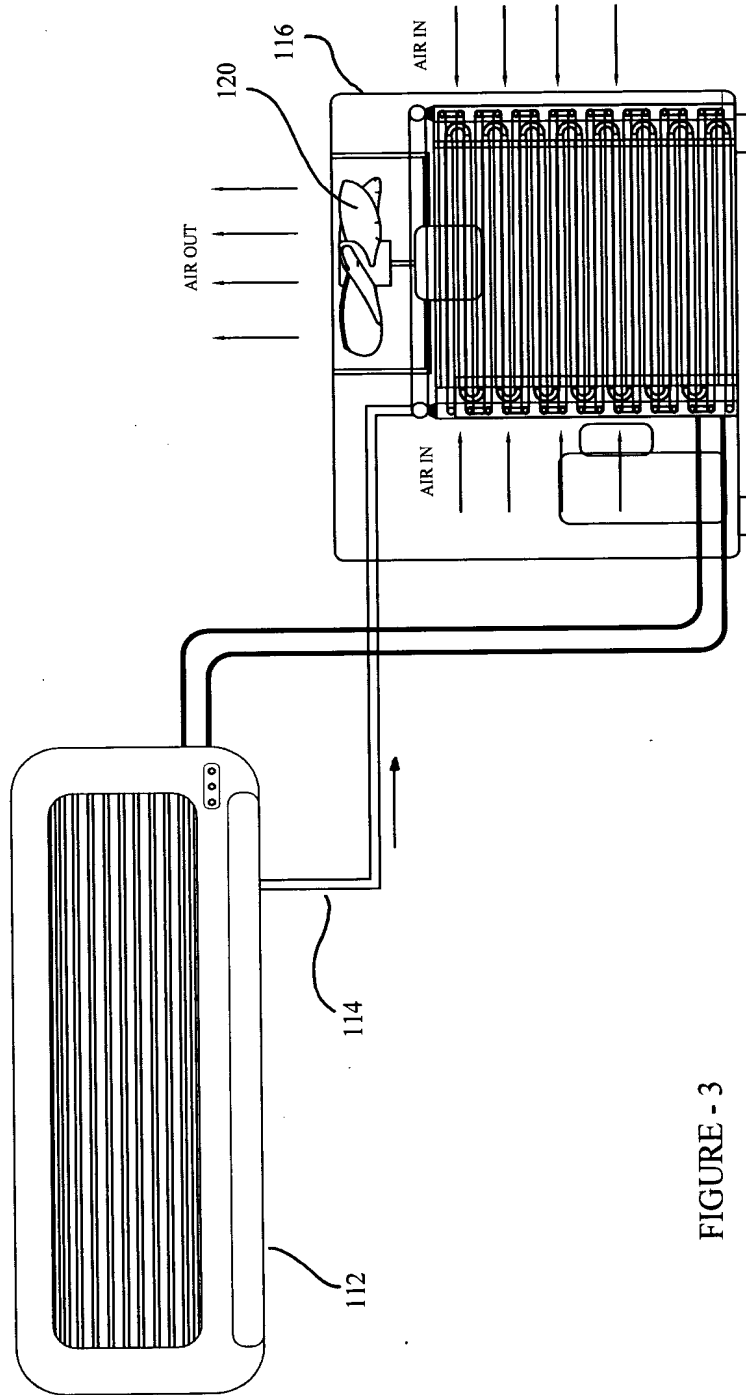


FIGURE - 3

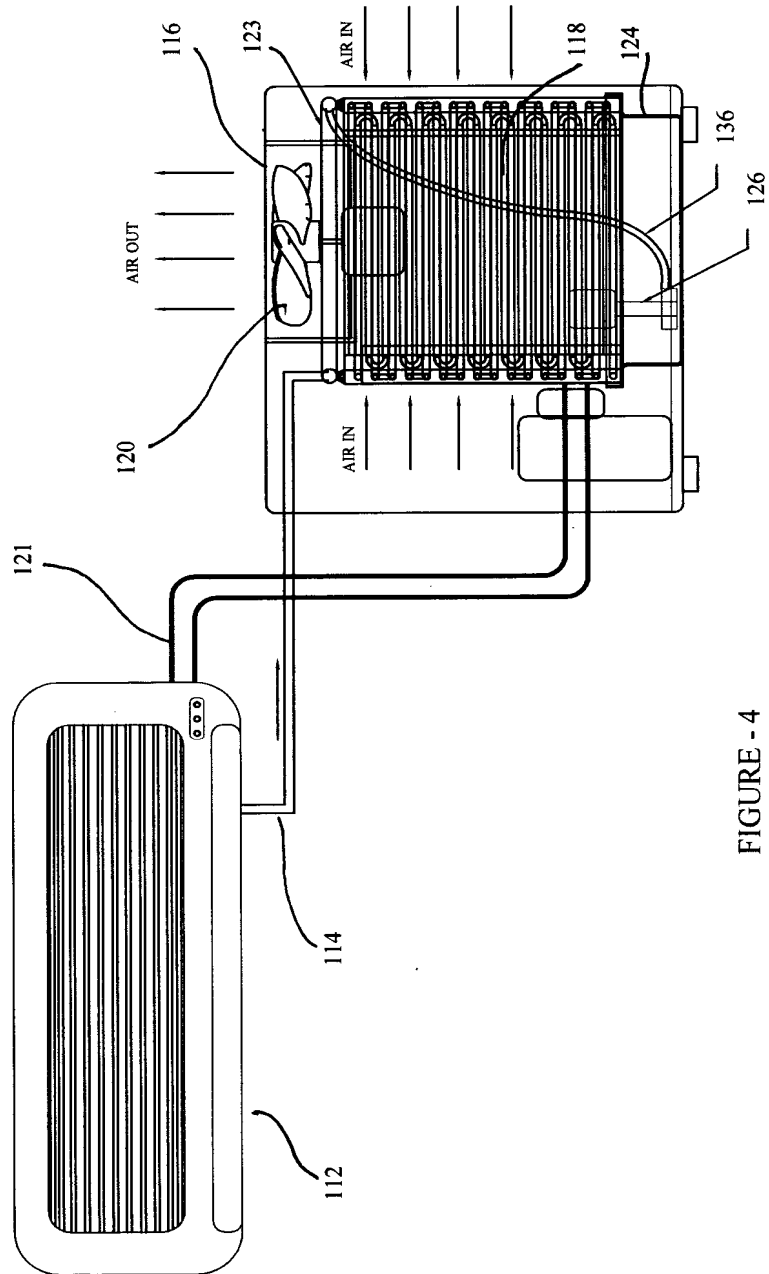


FIGURE - 4

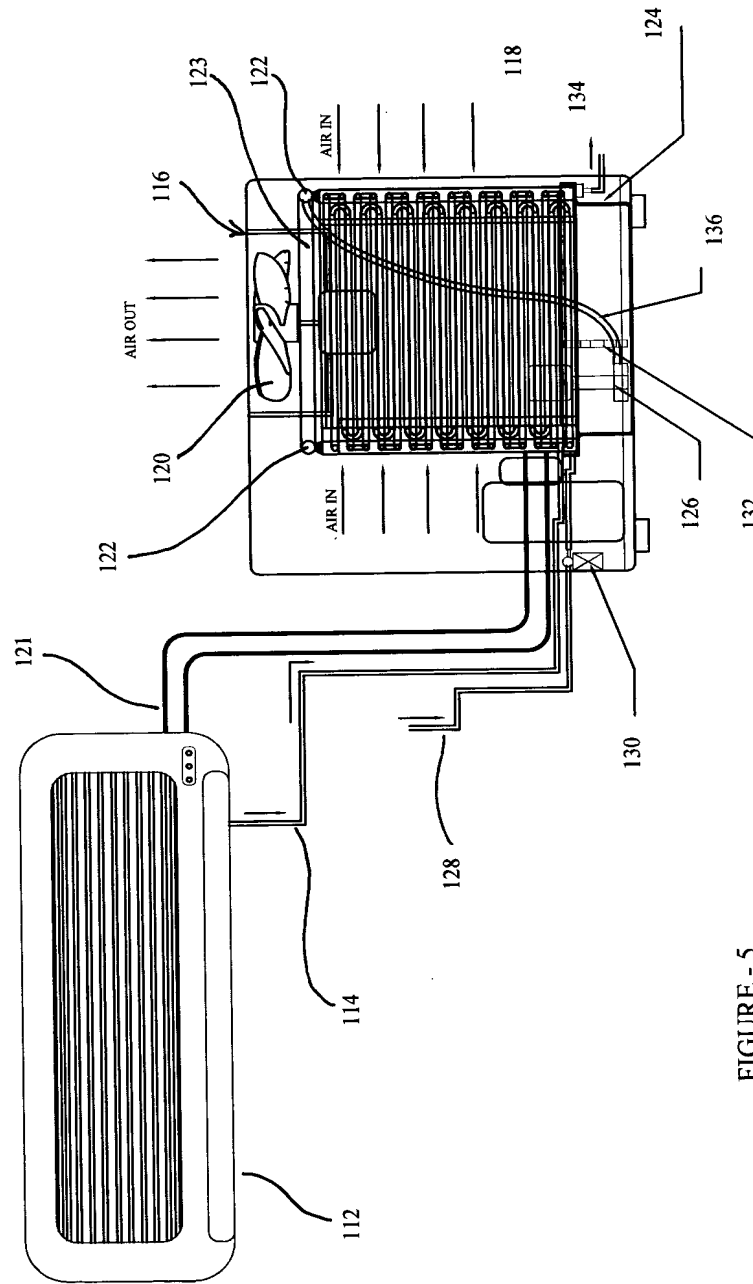


FIGURE - 5

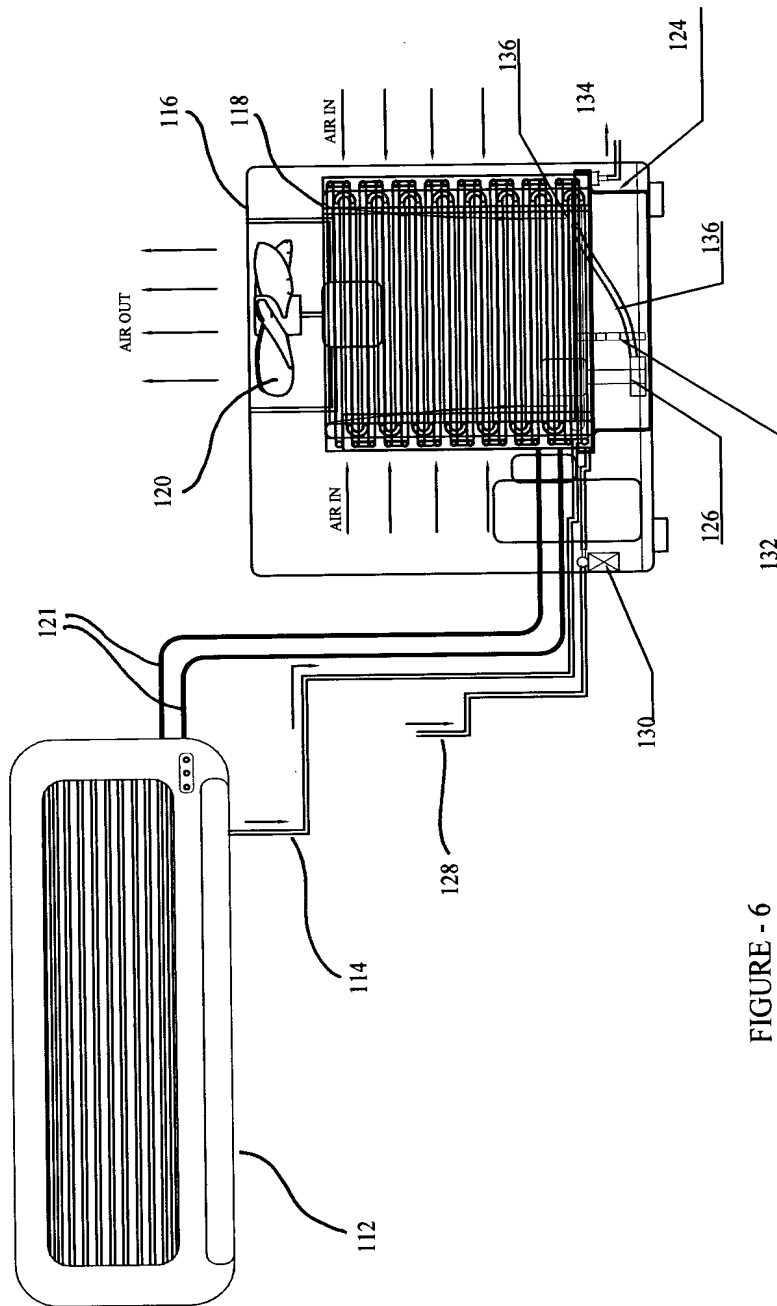


FIGURE - 6

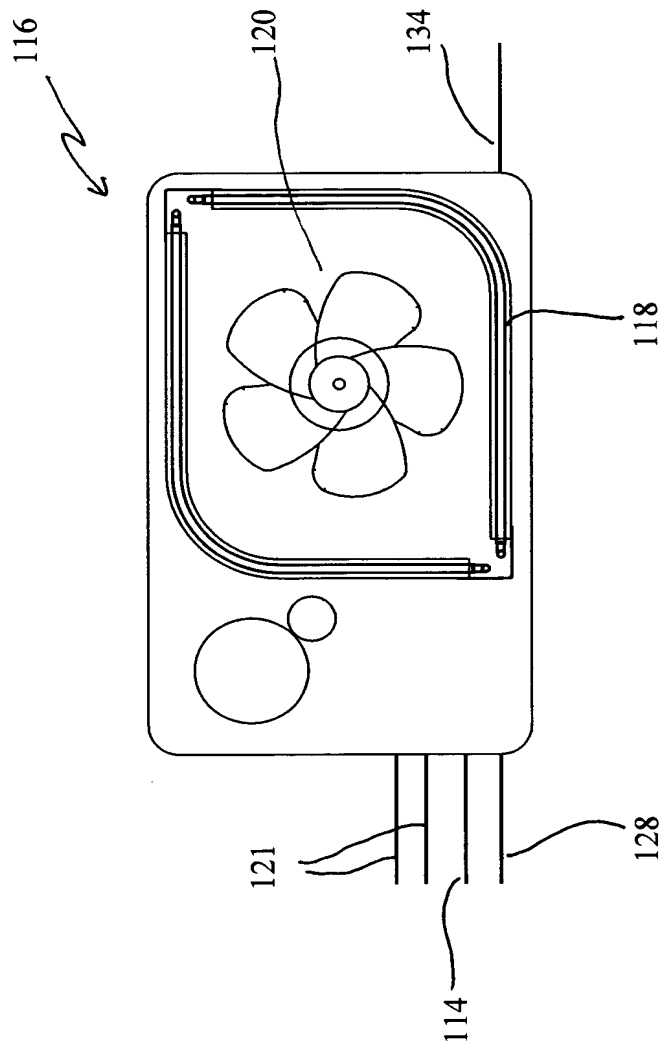


FIGURE - 7

Sr No	Room Temp D.B.	Room Temp W.B.	Outlet Temp D.B.	Outlet Temp W.B.	Ambient Temp D.B.	Ambient Temp W.B.	Suction Pressure	Discharge Pressure	Current (Amp)	Power (Watt)	Freq (Hz)
1	26.7	19.0	12.1	11.6	35.1	29.9	69.0	290.0	9.4	1960	50.1
2	26.8	19.1	12.3	11.5	34.9	30.1	68.0	288.0	9.5	1980	49.9
3	26.5	18.8	12.2	11.6	34.7	30.1	67.0	288.0	9.5	1980	49.9
4	26.7	18.9	12.1	11.6	34.8	29.7	69.0	290.0	9.5	1980	49.8
5	27.2	19.1	12.2	11.4	35.1	29.9	68.0	290.0	9.5	1960	49.9
6	27.1	18.9	12.3	11.3	35.0	30.1	68.0	288.0	9.4	1960	49.7
7	27.0	19.1	12.3	11.4	35.2	30.9	69.0	288.0	9.5	1960	49.6
Avg	26.89	18.99	12.21	11.49	34.97	30.01	68.3	288.9	9.47	1968.57	49.84

TABLE - 1

FIGURE - 8



Sr No	Room Temp D.B.	Room Temp W.B.	Outlet Temp D.B.	Outlet Temp W.B.	Cond. Temp D.B.	Cond. Temp W.B.	Suction Pressure	Discharge Pressure	Current (Amp)	Power (Watt)	Freq (Hz)
1	27.1	18.9	11.9	10.9	35.0	30.1	68.0	265.0	8.4	1810	49.2
2	27.0	18.8	11.0	10.4	34.5	30.0	65.0	261.0	8.3	1800	49.5
3	27.0	19.0	12.3	11.0	34.8	29.8	67.0	263.0	8.3	1810	49.3
4	29.9	18.9	11.5	10.8	34.5	29.8	68.0	266.0	8.4	1820	49.1
5	26.7	19.0	11.9	10.7	35.1	29.9	65.0	264.0	8.4	1810	49.2
6	27.0	18.8	11.5	10.4	35.0	30.1	67.0	264.0	8.3	1800	49.1
7	26.9	19.1	11.3	10.8	35.4	30.1	69.0	270.0	8.4	1810	49.2
Avg	27.03	18.93	11.63	10.71	34.90	29.97	67.0	264.71	8.36	1808.57	49.23

TABLE - 2

FIGURE - 9

Sr No	Room Temp D.B.	Room Temp W.B.	Outlet Temp D.B.	Outlet Temp W.B.	Ambient Temp D.B.	Ambient Temp W.B.	Suction Pressure	Discharge Pressure	Current (Amp)	Power (Watt)	Freq (Hz)
1	26.9	18.9	11.6	10.4	34.8	29.9	68.0	242.0	7.9	1640	48.9
2	27.1	18.8	11.5	10.3	34.9	29.8	65.0	230.0	7.9	1660	49.0
3	26.9	18.9	11.5	10.3	34.9	30.1	67.0	235.0	8.0	1640	49.1
4	27.0	19.0	11.4	10.4	35.1	30.0	68.0	240.0	8.0	1680	48.9
5	27.2	19.1	11.5	10.5	35.0	29.9	65.0	235.0	7.9	1640	48.8
6	27.1	19.0	11.5	10.4	35.1	29.8	67.0	240.0	7.9	1660	48.7
7	27.0	19.0	11.4	10.4	35.1	29.8	69.0	235.0	7.8	1660	48.9
Avg	27.03	18.96	11.49	10.39	34.99	29.90	67.0	236.7	7.91	1654.29	48.90

TABLE - 3

FIGURE - 10

Sr No	Room Temp D.B.	Room Temp W.B.	Outlet Temp D.B.	Outlet Temp W.B.	Ambient Temp D.B.	Ambient Temp W.B.	Suction Pressure	Discharge Pressure	Current (Amp)	Power (Watt)	Freq (Htz)
1	27.1	19.2	11.9	11.0	34.9	29.9	72.0	270.0	8.9	1840	48.9
2	27.1	19.0	12.0	10.9	34.8	30.1	72.0	268.0	8.8	1850	49.1
3	27.2	18.9	12.2	11.1	35.0	30.2	70.0	265.0	8.8	1850	49.2
4	27.3	18.9	12.1	11.1	35.2	29.6	69.0	265.0	8.7	1860	49.2
5	27.1	19.0	11.9	10.8	35.3	29.5	70.0	268.0	8.8	1840	49.1
6	26.9	19.1	11.8	10.9	35.1	29.8	72.0	272.0	8.9	1850	49.3
7	26.8	19.0	11.9	10.8	34.8	30.2	72.0	274.0	8.8	1850	49.4
Avg	27.06	19.01	11.97	10.94	35.01	29.90	71.0	268.9	8.81	1848.57	49.17

TABLE - 4

FIGURE - 11